

FIG. 1.
**Effect of on/off 60 Hz EM fields
on hypoxia protection induced in chick embryos**

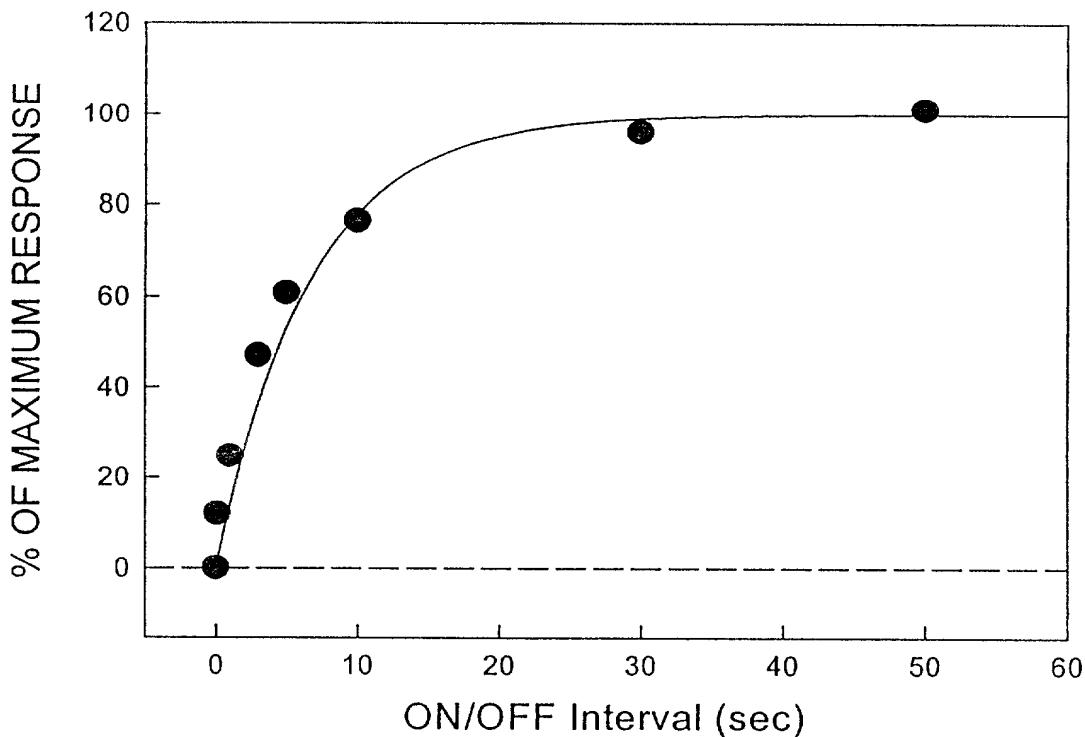
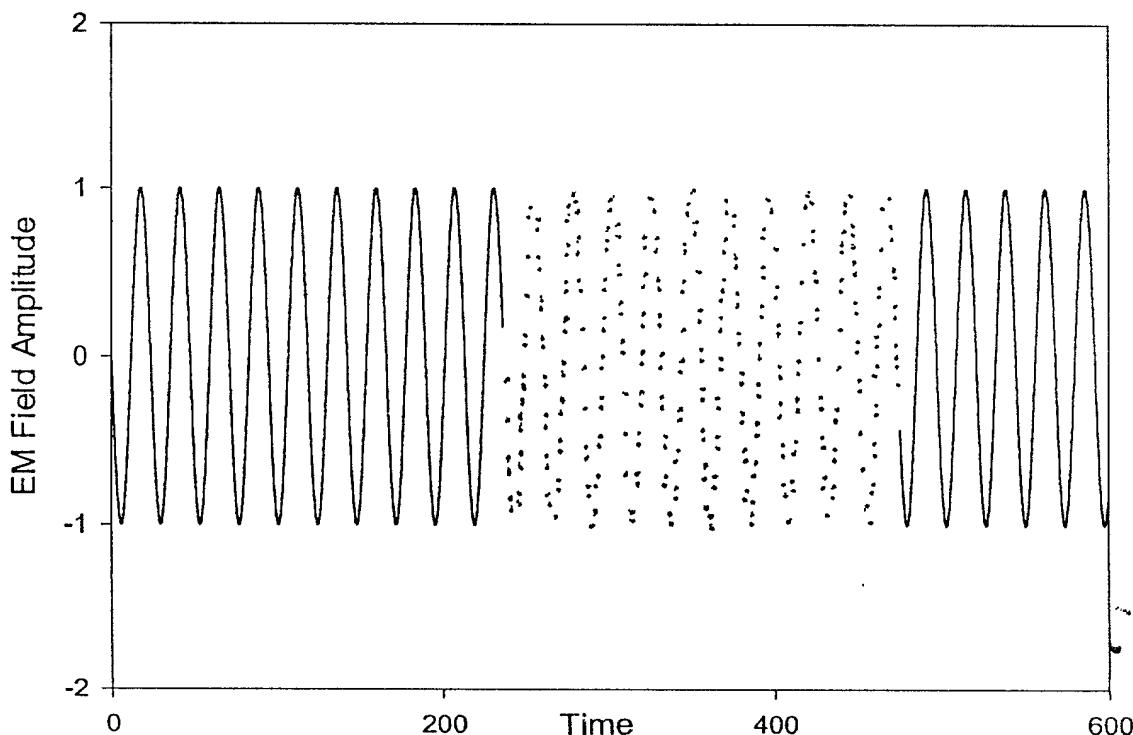


FIG.2. Superposition of EM Fields From 2 Coils
(Equal Field Amplitudes; Alternate on/off Times)

Solid Line = Coil A Dotted Line = Coil B



Superposition of EM Fields From 2 Coils
(Unequal Field Amplitudes; Alternate on/off Times)
FIG. 3. Light Solid Line = Coil A Dark Solid Line = Coil B

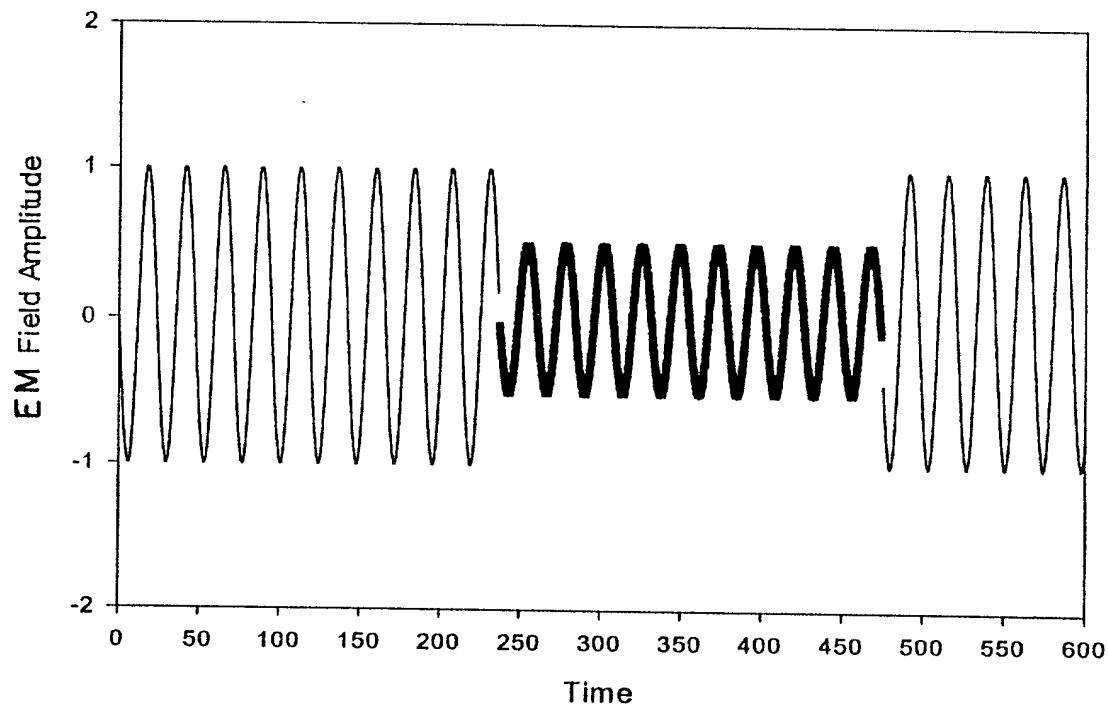


FIG. 4. EM Fields of Helmholtz Coils
And A Single Coil Plotted As A
Function of Depth Into The Tissue

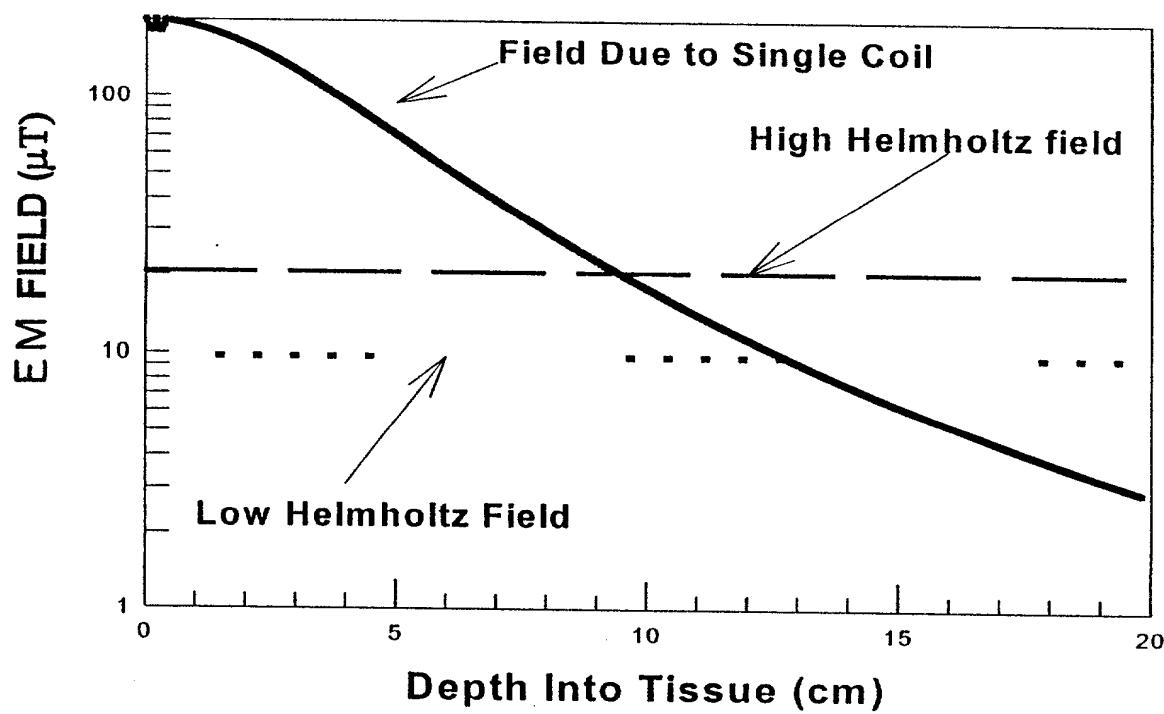


FIG.5.

**FOCUSING EFFECT OF TWO
ALTERNATELY PULSING EM FIELDS
HIGHER PEAK HELMHOLTZ FIELD**

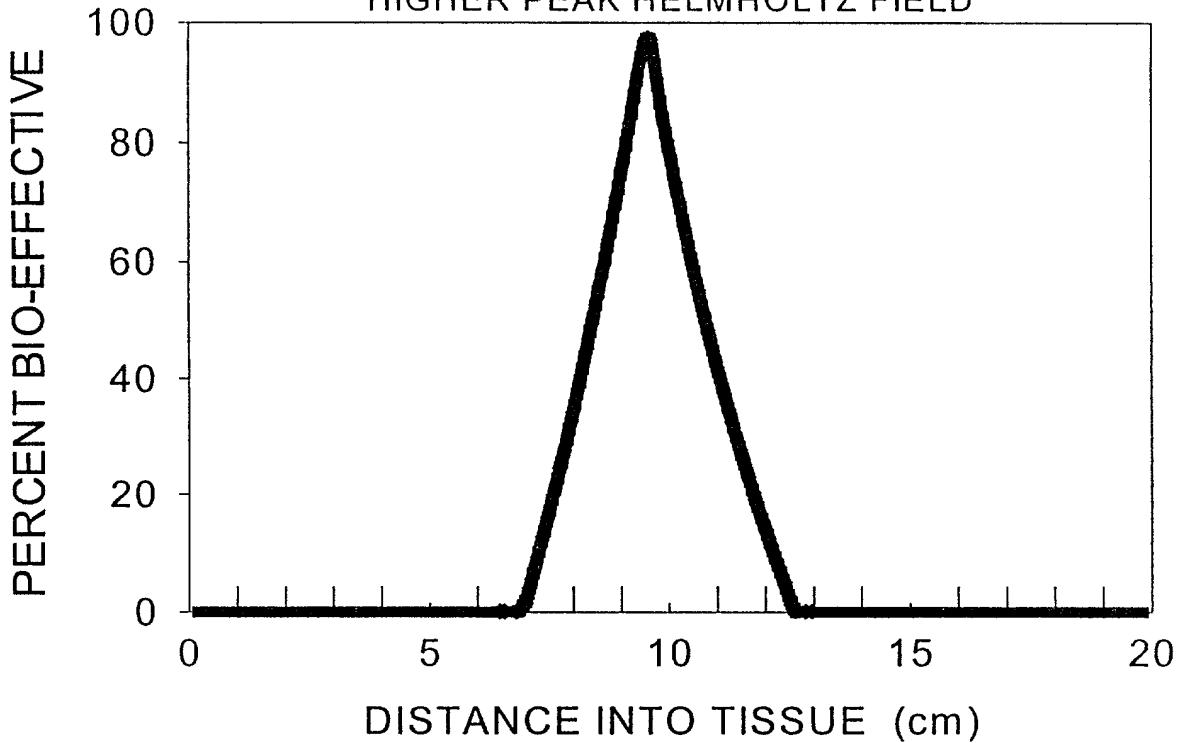
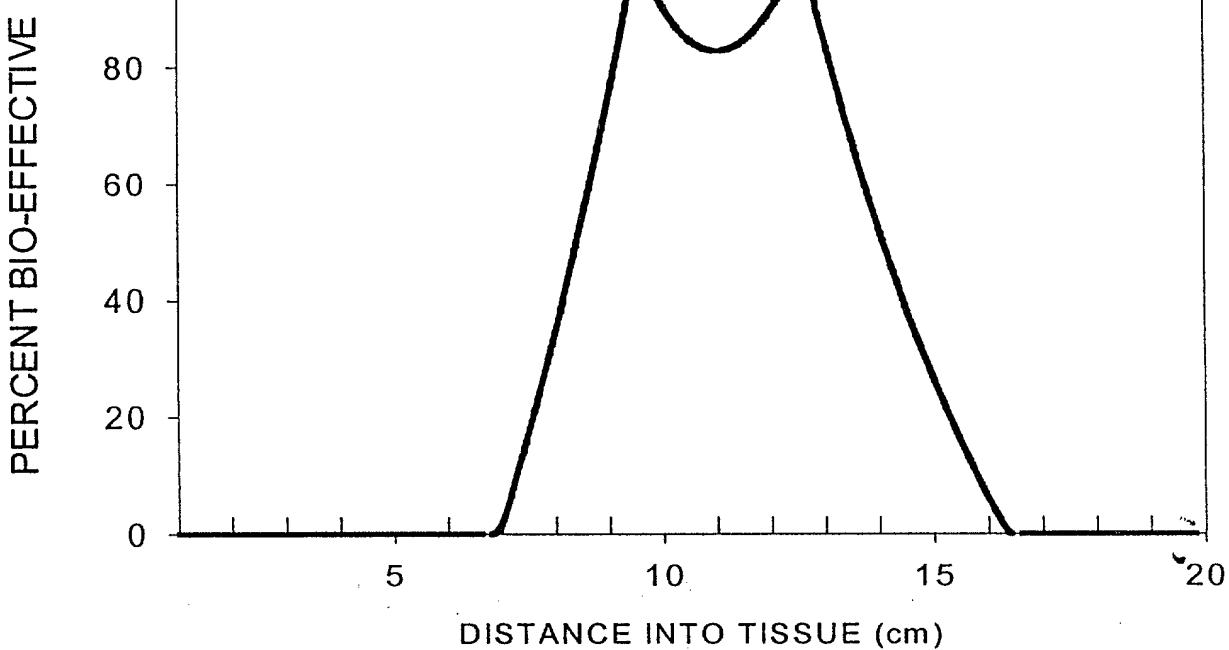


FIG.6.

BROADER FOCUS REGION FROM

Two Alternately Pulsing EM Fields

One Field Source Alternately Increasing and then
Decreasing in Amplitude by a Factor of 2 Every 20 Seconds



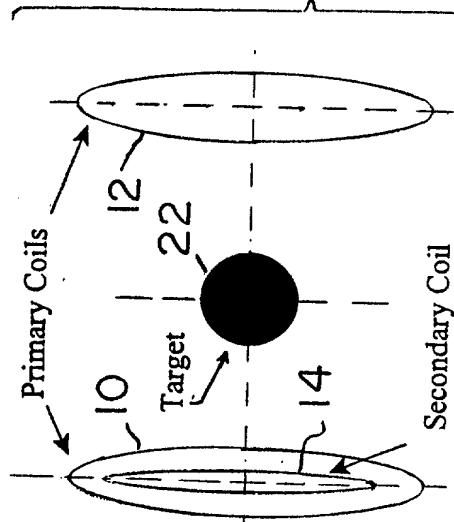


FIG. 7.

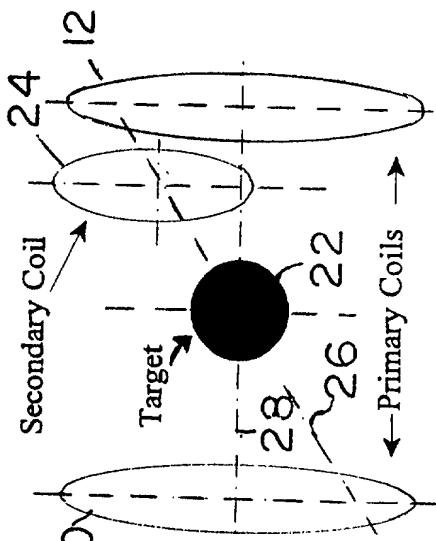


FIG. 7.

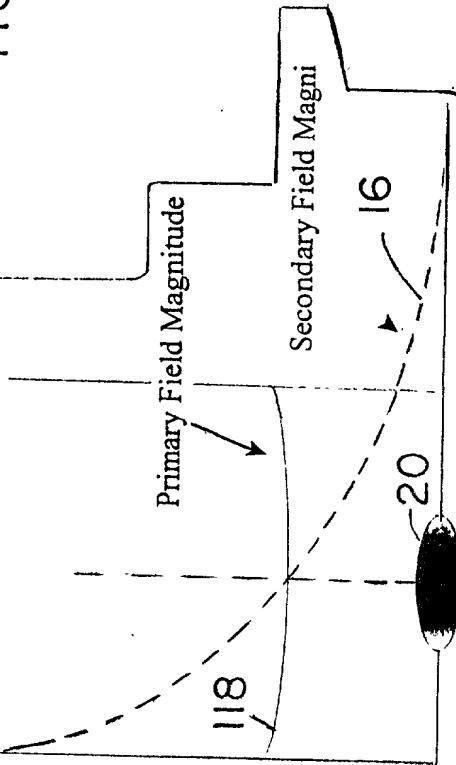
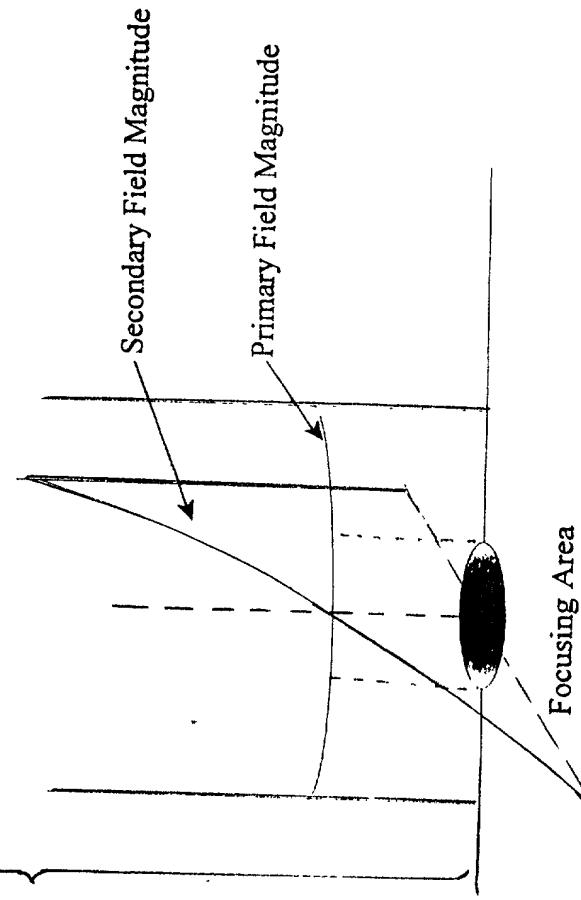


FIG. 8.



Secondary Field Magnitude
Primary Field Magnitude

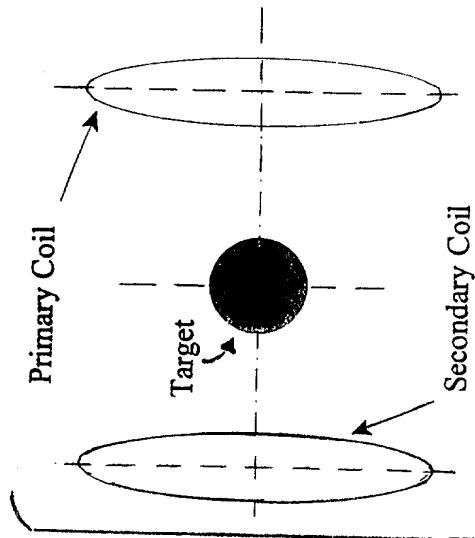


FIG. 9.

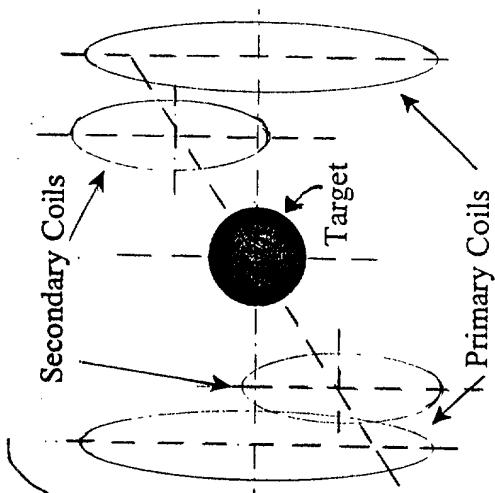
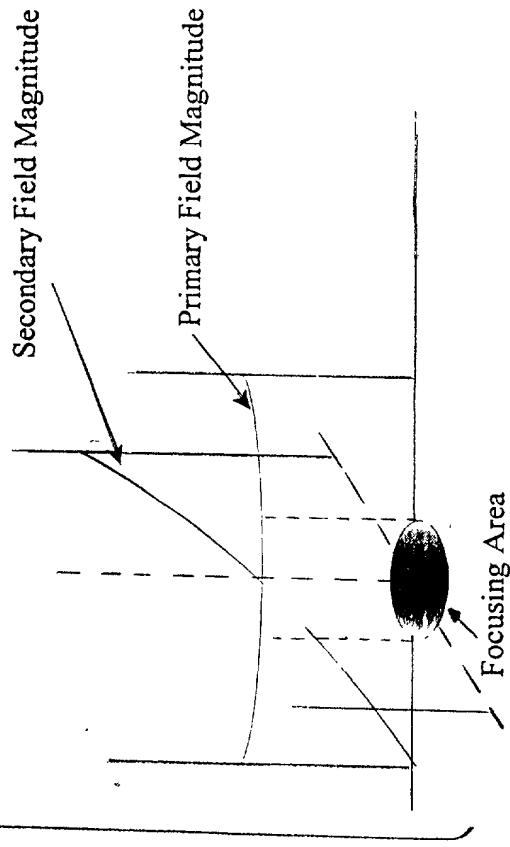
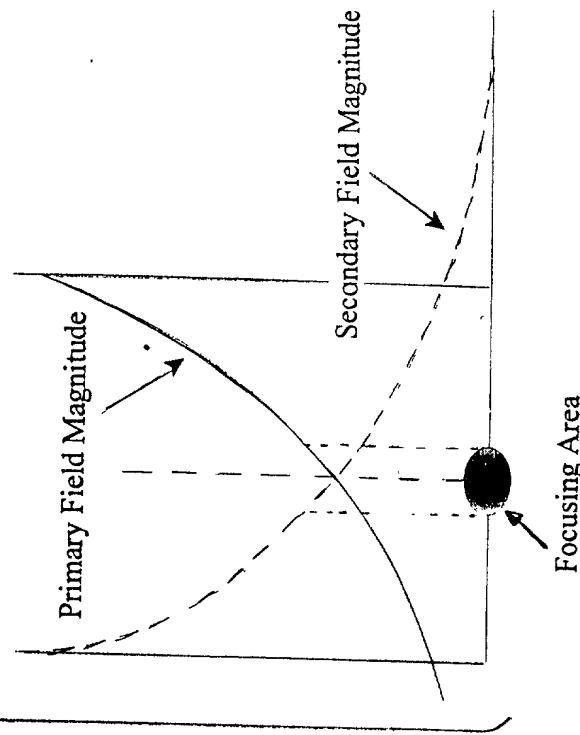


FIG. 10.

Use of Electromagnetic Fields in Cancer and Other Therapies
Theodore A. Liovitiz, Doctoral No. 20321/0268252
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Moving supporting frame

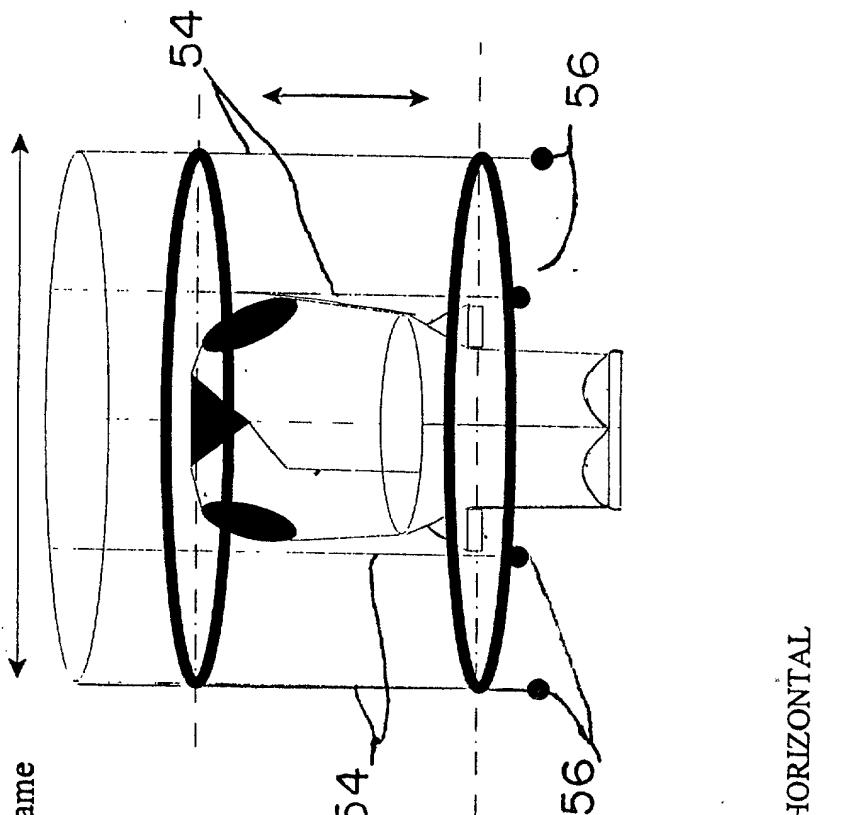


FIG.12.

FIG.11.

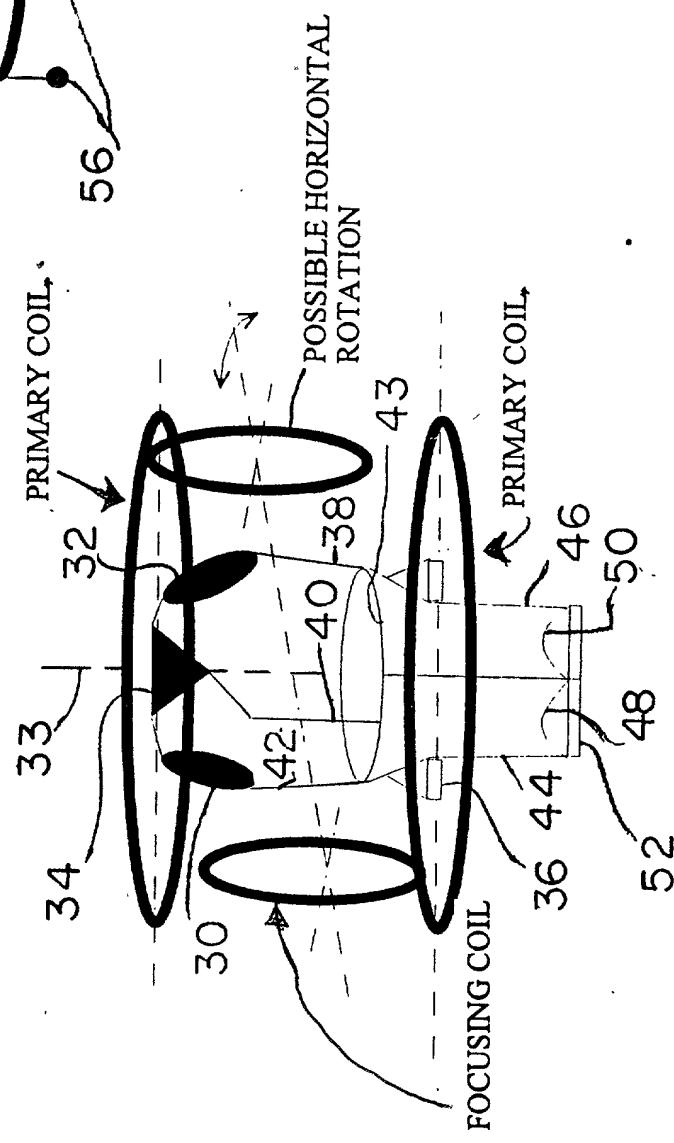
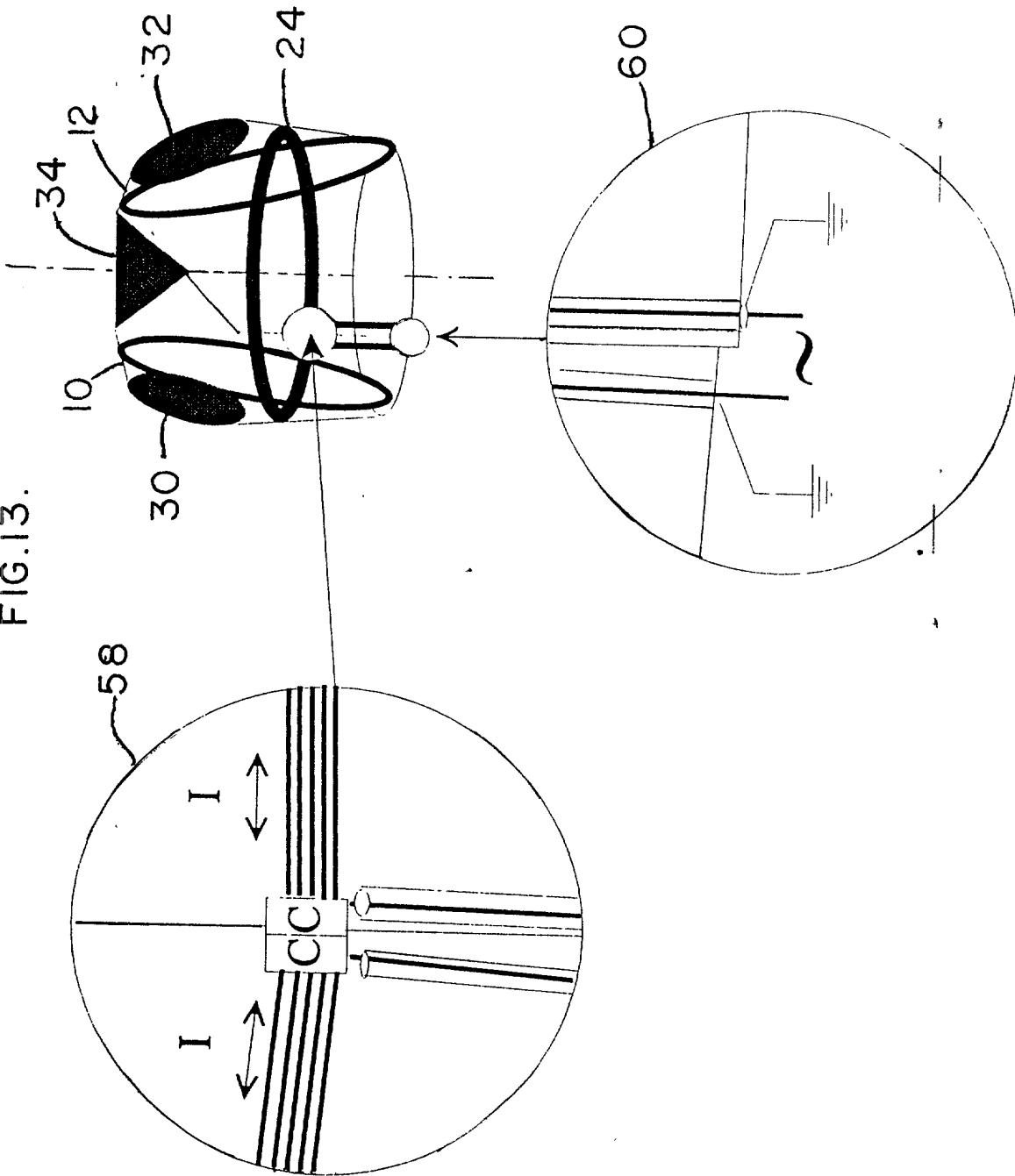
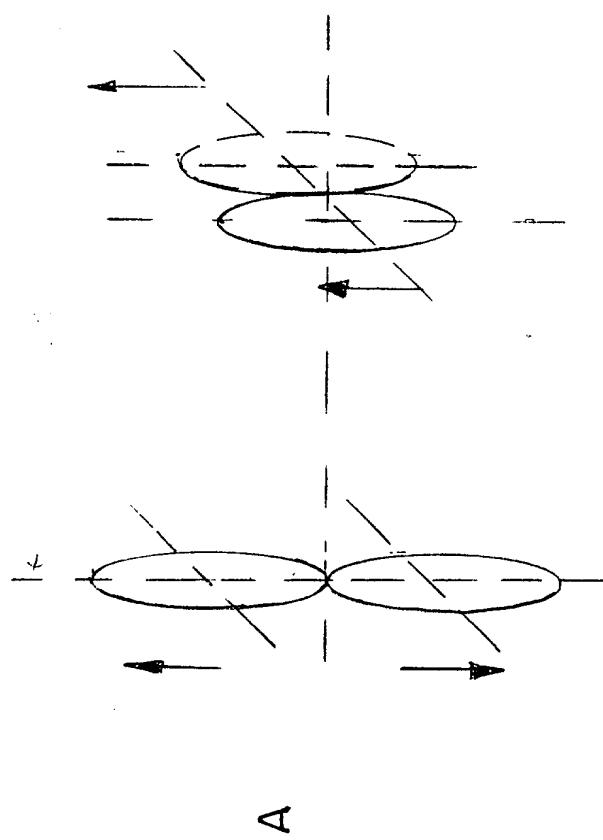


FIG.13.

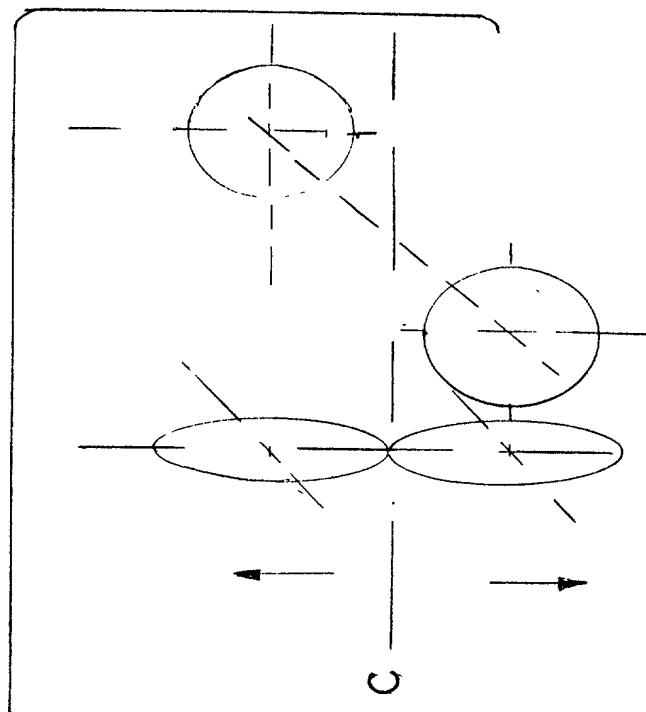


812

FIG.14.



A



C

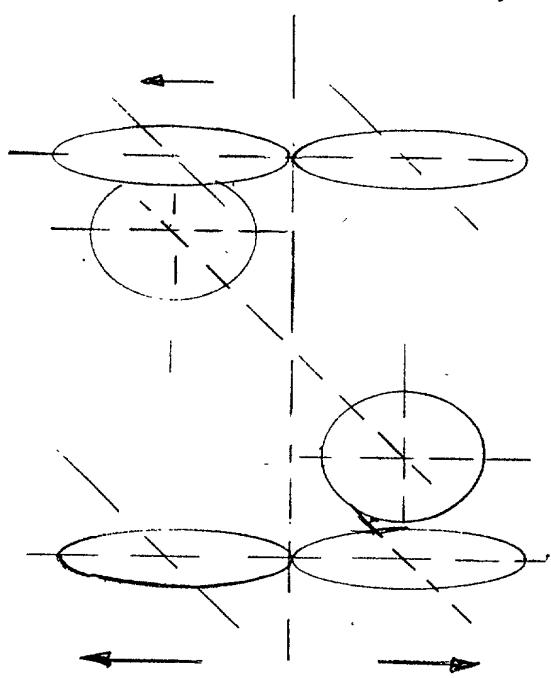
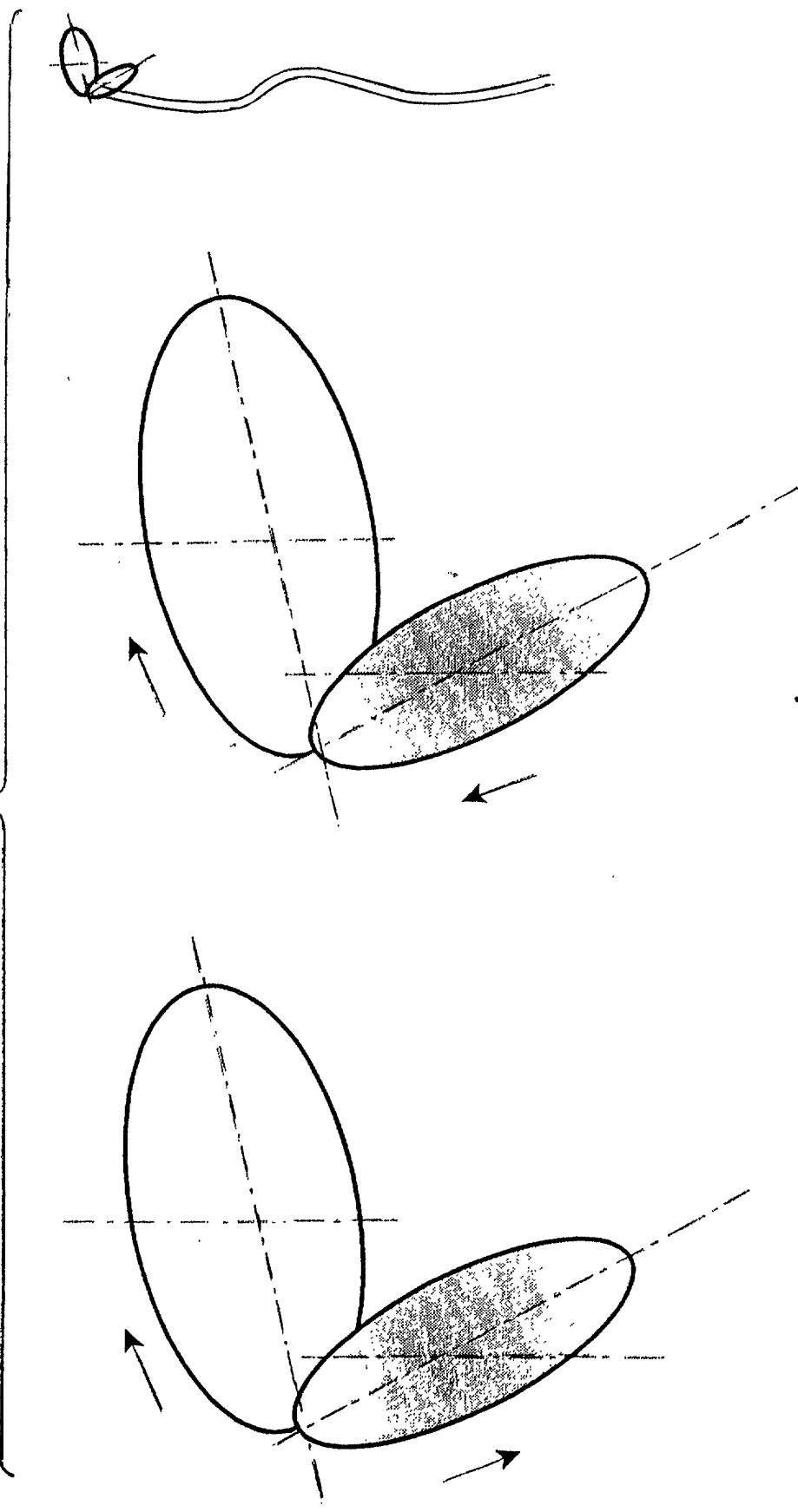


FIG.15. Complex Devices example #5



Use of Electromagnetic Fields in Cancer and Other Therapies
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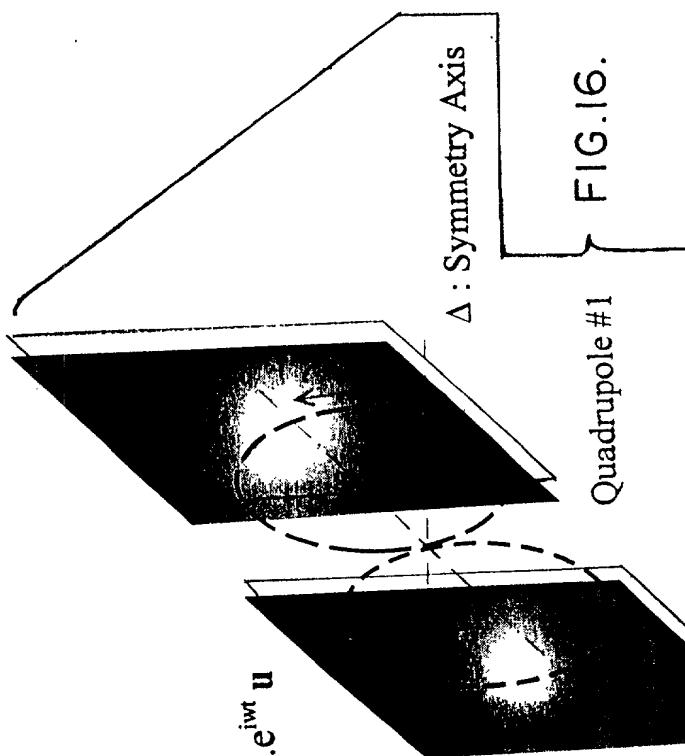
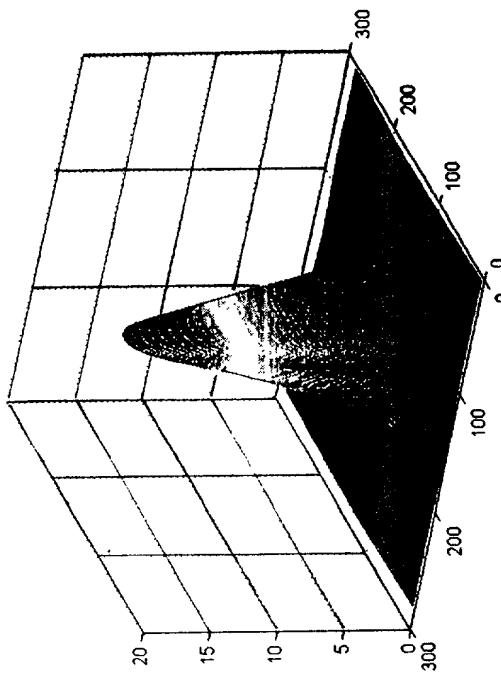


FIG.16.

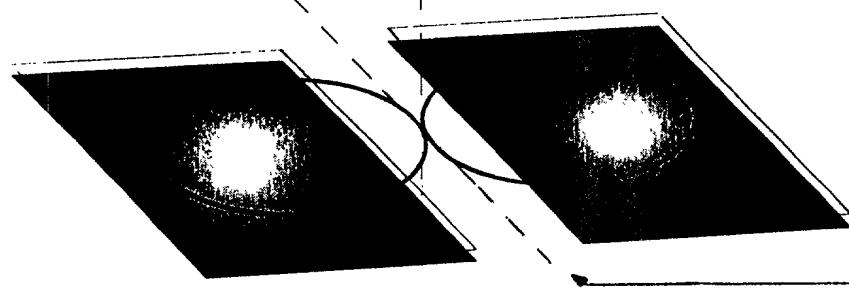
Quadrupole #1



$B_M^{1 \text{ or } 2}$

$u \text{ or } v$

Quadrupole #2



Quadrupole #2

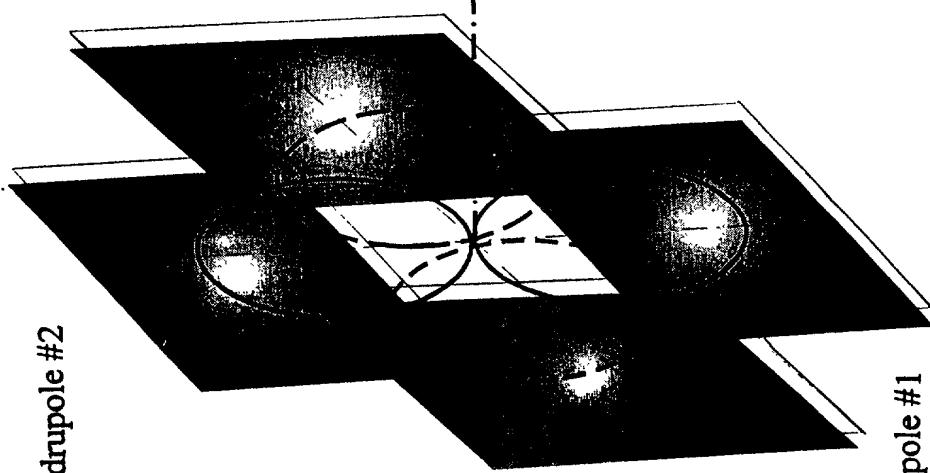
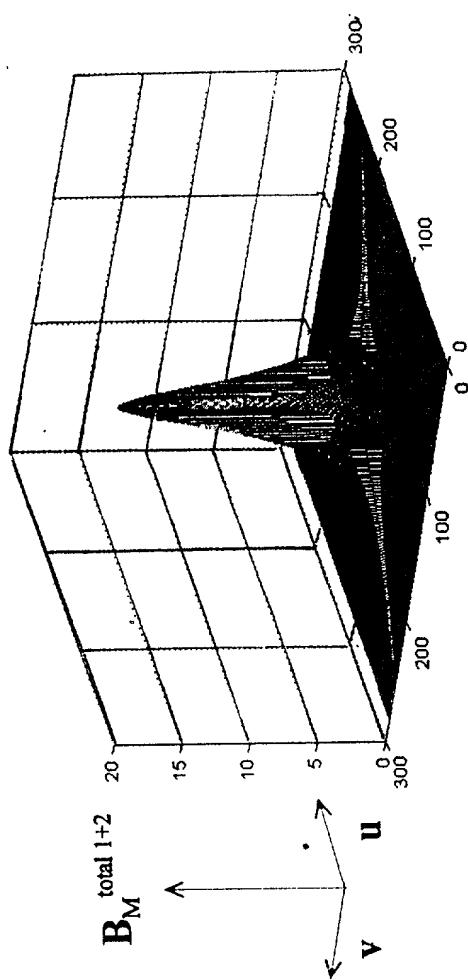


FIG.17.

$$\mathbf{B}_M^2(t) = B_o e^{i\omega t + \pi/2} \mathbf{v}$$

$$\mathbf{B}_M^1(t) = B_o e^{i\omega t} \mathbf{u}$$

Δ : Symmetry z Axis
M : point on axis



Quadrupole #1

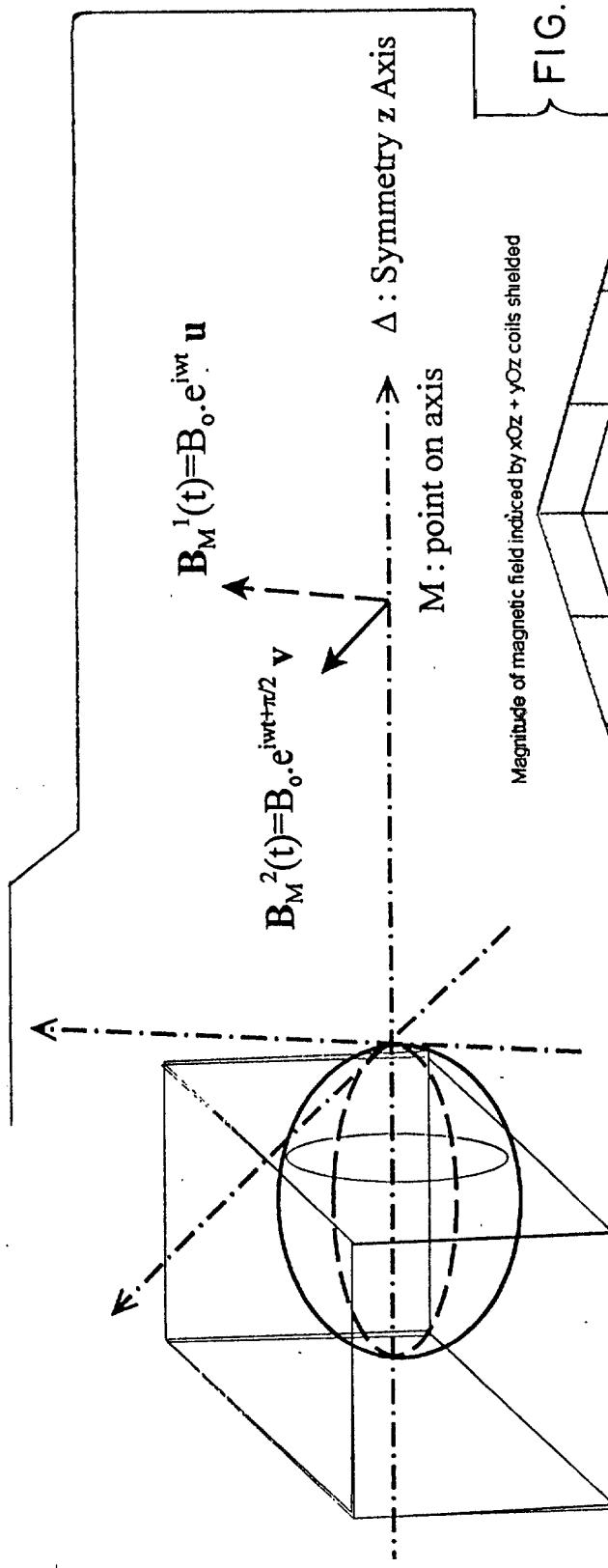


FIG.18.

